

Product datasheet for **SC314910**

TMTC3 (NM_181783) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	TMTC3
Synonyms:	LIS8; SMILE
Mammalian Cell	None
Selection:	
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)



Fully Sequenced ORF:

>OriGene sequence for NM_181783 edited
 GGAACCGCCCCAGTTTTTGTCCAGAAGTGCTTATAGAAAAGATGGCTAATATTAACCTA
 AAAGAAATAACCTTAATAGTAGGTGTGGTACTGCCTGCTATTGGAACAGCCTCTTTGT
 GGTTTTGTGTTTTGATGATGTTTCAGCAATACTGGATAACAAAGACTTGATCCATCTACA
 CCTTTAAAACTTTATTTCAAATGACTTCTGGGAACCCCTATGTCTGAGGAGAGAAGC
 CACAAGTCTTACCGTCCCTAACAGTATTGACATTTTCGCTTAAATATTTGTTAAGTGAA
 CTAACCAATGTCATATCATCTCCTGAATATGATTTTTCATGCTGTGGTATGTGTGATA
 TTTCTCAAAGTATGCAAACTTTTTCTGGACAACAAGAGTAGTGTGATTGCTTCTTACTT
 TTTGCAAGTGACCAATACACACAGAAGCAGTAACAGGAGTTGTTGGAAGAGCAGAAGCTT
 TTGTCATCTATCTTTTTCTAGCAGCTTTTTGTTCATATACCAGATCAAAGGACCAGAC
 AATTCATAATATGGACTCCAATTGCCTTGACAGTGTGTTTAGTGGCTGTTGCAACATTA
 TGTAAAGAACCAAGGAATAACAGTTGTAGGAATTTGCTGTGTATGAAGTGTATTATGCC
 CAGGGGTACTTTGCCATTACTATGTACTACTGCTGGACAGTTCCTCGTGGAAGGGT
 AGCATTCCATTTCTATGCTGCAGACACTAGTAAACTCATTGTCTTGATGTTCACTACA
 TTATTACTTGTGTGATTAGAGTCCAGGTATTCAATCCCACTCCAGTATTCACCAGG
 TTTGATAACCCAGCTGCTGAAGCCCACTCTACAAGGCACTAACTTTTAACACCTC
 CTTCTGTGAATGCTTGGTGTATTAAATCCTTCAGAGCTCTGCTGTGATTGGACCATG
 GGAACAATACCCTTATAGAGTCATTACTAGATATTCGAAATCTGGCCACATTTACTTTC
 TTTTGTGTTCTGGGGATGTTGGGAGTATTCAGTATCAGATACTCTGGTATTCTCCAAG
 ACTGTTTTAATGGCGCTTTGTTAATGGCATTACCATTTATTCCTGCATCGAACCTTTTT
 TTTCCAGTTGGATTGTTGTTGCCGAGCGAGTATTATGTTCCAGCATGGGGTTCTGT
 ATTTTGGTAGCCCATGGATGGCAGAAAATATCAACAAAAGTGTATTTAAAAGCTATCC
 TGGATTGTCTGTCTATGGTGATACTCACTCATTCTTAAAAACATTCCACAGAAATTGG
 GATTGGGAGTCTGAATATACATTGTTTATGTCAGCCTTGAAGGTAAATAAAAAAATGCC
 AAACCTTTGGAATAATGTGGTCATGCTCTGGAATAAGAAAGAACTTTGAGAGAGCTTTG
 AAATACTTCTTACAGGCTACCCATGTTTCCAGCAGATGATATTGGTGCCCATATGAATGTA
 GGAAGAATTTATAAAAAATTAATAGAACCAAGAGCTGAAGAATCTTACATGATGGCT
 AAATCACTGATGCCTCAAATTTCTGTTAATGGAATAATGCAAGCAGAAATGCCCCAAC
 CACCTAAATGTTTATCAATCTGGCTAACCTGATCCGAGCAATGAGTCCCGACTGGAA
 GAAGCAGATCAGCTGTACCGTCAAGCAATAAGCATGAGGCCGACTTCAAGCAGGCTTAC
 ATTAGCAGAGGAGAATTGCTTTAAAAATGAATAAACCTCTTAAAGCAAAGGAGCATAT
 CTTAAAGCACTAGAGCTGGACAGAAATAATGCAGATCTTTGGTACAACCTGGCAATTGTA
 CATATTGAACCTAAAGAACCAATGAAGCCCTAAAAAACTTTAATCGTGTCTGGAACATA
 AATCCAAGCATAACTAGCATTATTCAACTCTGCTATAGTAATGAAGAATCAGGTGAG
 GTTAACTCAGACCTGAAGCTAGAAAACGACTTCTAAGTTATATAAATGAAGAGCCACTA
 GATGCTAATGGGTATTTCAATTTGGGAATGCTTGCCATGGATGACAAAAAGGACAATGAA
 GCAGAGATTGGATGAAGAAAGCCATAAAGTTACAAGCCGACTTCCGAAGTGCTTTGTTT
 AATCTGGCTCTCTGTATTCCAGACTGCAAGGAATTAAGGCTTTGCCAATTTGGAG
 GAGTTACTCAGATACTACCCTGATCATATCAAGGGCCTCATTTTAAAGGAGACATTCTG
 ATGAATCAAAAGAAAGATATACTAGGAGCAAAAAATGTTTTGAAAGGATTTTGGAGATG
 GATCCAAGCAATGTGCAAGGAAAACACAATCTTTGTGTTGTTATTTTGAAGAAAAAGAC
 TTATTTAAAGCTGAAGATGCCTTCTTGAACACTGGCATTAGCACCACATGAAGAATAT
 ATTCAGCGCCATTTGAATATAGTCAGGGATAAGATTTCTCATCTAGTTTTATAGAGCCA
 ATATTTCCCAACAGTAAGATTTCAAGTGTGGAAGGAAAGAAATTTCAACTGAAAGTGTA
 AAAGAAATTAGAGGTGAATCCAGACAAACACAATAGTAAAAACAAGTGATAATAAAGT
 CAGTCTAAATCCAACAAACAATTAGGAAAAATGGAGACGAAGAGACACCCACAAAACA
 ACAAAGACATCAAGAAATTGAGAAGAAAGAGTTGCTGCTTTAAAAAGACTAGAAGAG
 ATTGAACGTATTTAAATGGTGAATAACATTAATTTATCGTGACAATGGTATCAAAGA
 ACATCAATCCGTATCATGTGATTGCTTTTACTGGGAGCTTT

Restriction Sites:

Please inquire

ACCN:

NM_181783

Insert Size:

2900 bp

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to contain 4 SNPs compared with NM_181783.1.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_181783.1</u> , <u>NP_861448.1</u>
RefSeq Size:	4998 bp
RefSeq ORF:	2745 bp
Locus ID:	160418
UniProt ID:	<u>Q6ZXV5</u>
Cytogenetics:	12q21.32
Protein Families:	Transmembrane
Gene Summary:	This gene encodes a protein that belongs to the transmembrane and tetratricopeptide repeat-containing protein family. [provided by RefSeq, May 2010] Transcript Variant: This variant (1) encodes the longest isoform (1).